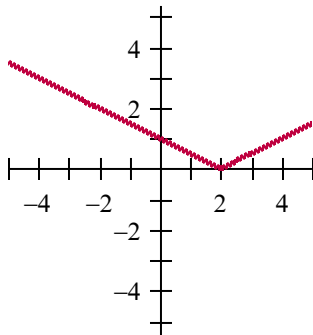


Use interval notation to write the domain and range of the functions graphed below.

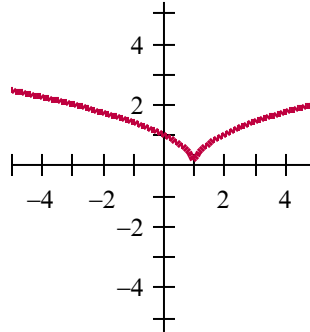
1.



Domain:

Range:

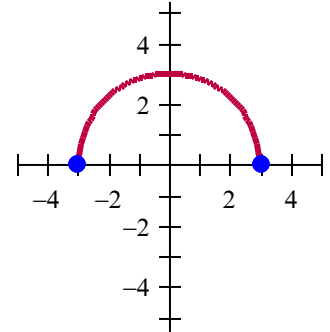
2.



Domain:

Range:

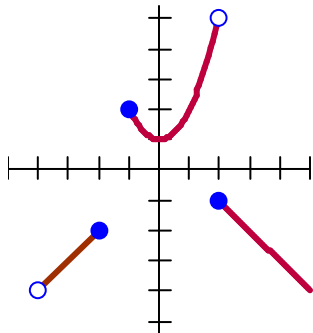
3.



Domain:

Range:

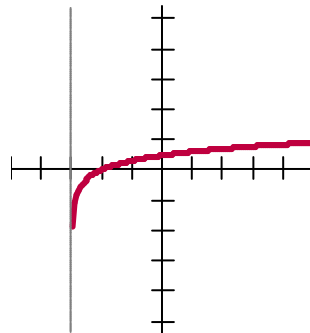
4.



Domain:

Range:

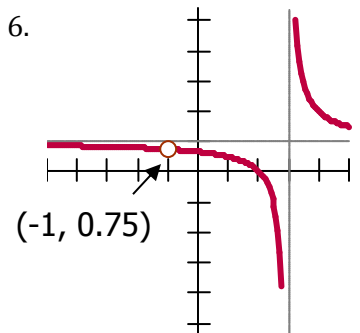
5.



Domain:

Range:

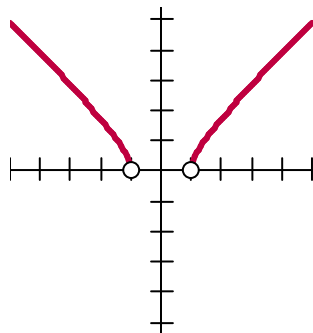
6.



Domain:

Range:

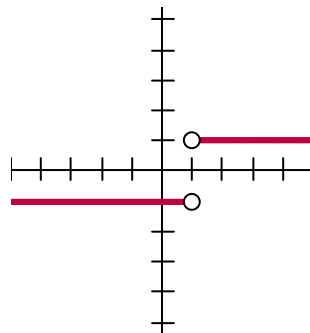
7.



Domain:

Range:

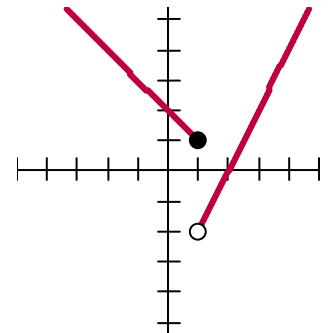
8.



Domain:

Range:

9.

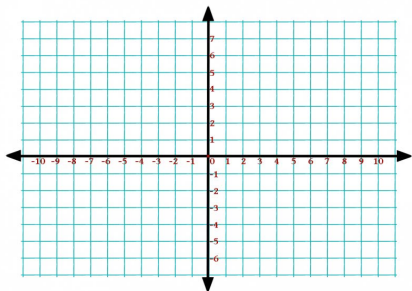


Domain:

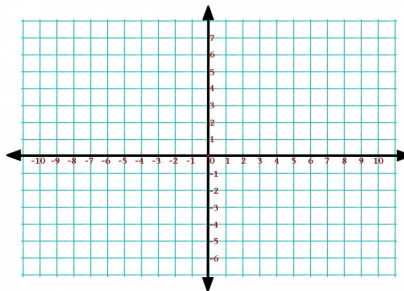
Range:

Use a graphing calculator to sketch the following functions. Then write the domain and range in interval notation.

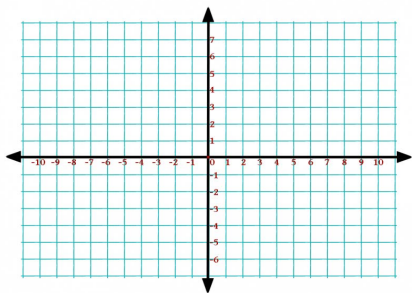
10.  $f(x) = \sqrt{x+2}$



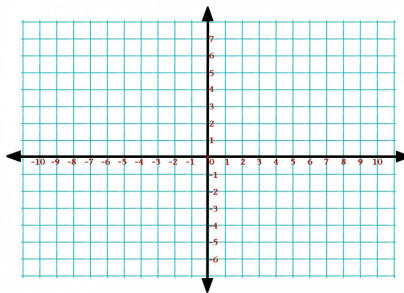
11.  $f(x) = \frac{x+1}{x-2}$



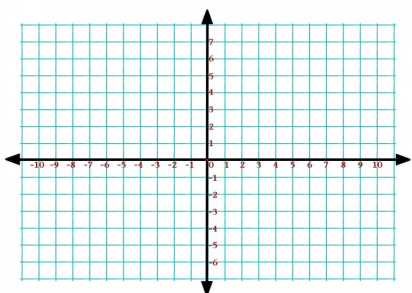
12.  $f(x) = -2^{1-x} + 4$



13.  $f(x) = -(x+3)^2 - 2$



14.  $f(x) = -|x-5| + 2$



15.  $f(x) = \sqrt[3]{x-4}$

